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Lisa Donaldson /Roderick Asekhauno Maria Cristina Cruz / Aidan Smith Service Sector Statistics Division (301) 763-2960

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# U.S. Government Estimates of Quarterly Revenue for Selected Services 2nd Quarter 2010

#### **Special Notice:**

Effective with the March 2011 release, the quarterly services revenue estimates will be revised based on the results of the 2009 Service Annual Survey and the final results of the 2007 Economic Census.

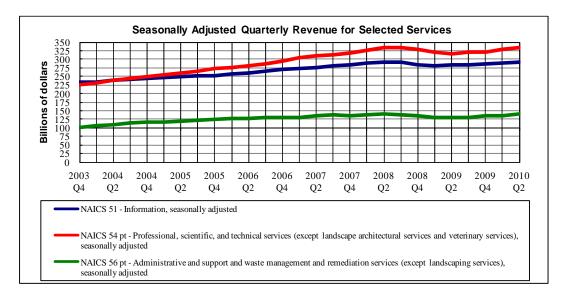
### **Intention to Expand Coverage:**

The coverage of the Quarterly Services Survey will be expanded with the March 2011 release to include revenue estimates for selected industries in Utilities, Transportation, Real estate, Lessors of nonfinancial intangible assets (except copyrighted works), and Educational services.

<u>Information</u> The U.S. Census Bureau announced today that the estimate of U.S. information sector revenue for the second calendar quarter of 2010, adjusted for seasonal variation but not for price changes, was \$290.9 billion, an increase of 0.8 percent ( $\pm$  0.3%) from the first quarter of 2010 and up 2.7 percent ( $\pm$  0.5%) from the second quarter of 2009.

Professional, scientific, and technical services (except landscape architectural services and veterinary services) The estimate of U.S. professional, scientific, and technical services (except landscape architectural services and veterinary services) revenue for the second quarter of 2010, adjusted for seasonal variation but not for price changes, was \$333.3 billion, an increase of 1.1 percent ( $\pm$  1.0%) from the first quarter of 2010 and up 5.5 percent ( $\pm$  2.0%) from the second quarter of 2009.

Administrative and support and waste management and remediation services (except landscaping services) The estimate of U.S. administrative and support and waste management and remediation services (except landscaping services) revenue for the second quarter of 2010, adjusted for seasonal variation but not for price changes, was \$139.8 billion, an increase of 2.9 percent ( $\pm$  1.5%) from the first quarter of 2010 and up 7.9 percent ( $\pm$  2.6%) from the second quarter of 2009.



<sup>\*</sup> The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

# U.S. Government Estimates of Quarterly Revenue for Selected Services 2nd Quarter 2010– Con.

<u>**Transportation and warehousing (including truck transportation, couriers and messengers, and warehousing and storage)</u></u> The estimate of U.S. transportation and warehousing (including truck transportation, couriers and messengers, and warehousing and storage) revenue for the second quarter of 2010, not adjusted for seasonal variation, or price changes, was \$71.5 billion, an increase of 10.0 percent (\pm 1.2%) from the first quarter of 2010 and up 9.8 percent (\pm 2.6%) from the second quarter of 2009. The fourth quarter of 2009 to first quarter of 2010 percent change was revised from -3.5 percent (\pm 1.5%) to -3.7 percent (\pm 1.2%).</u>** 

<u>Finance and insurance</u> The estimate of U.S. finance and insurance revenue for the second quarter of 2010, not adjusted for seasonal variation, or price changes, was \$801.6 billion, an increase of 0.1 percent  $(\pm 0.5\%)^*$  from the first quarter of 2010. The fourth quarter of 2009 to first quarter of 2010 percent change was revised from 0.2 percent  $(\pm 1.3\%)^*$  to 0.4 percent  $(\pm 2.0\%)^*$ .

<u>Rental and leasing services</u> The estimate of U.S. rental and leasing services revenue for the second quarter of 2010, not adjusted for seasonal variation, or price changes, was \$31.4 billion, an increase of 13.8 percent ( $\pm$  2.8%) from the first quarter of 2010 and up 2.8 percent ( $\pm$  2.6%) from the second quarter of 2009. The fourth quarter of 2009 to first quarter of 2010 percent change was revised from -5.4 percent ( $\pm$  2.3%) to -6.0 percent ( $\pm$  1.5%).

<u>Health care and social assistance</u> The estimate of U.S. health care and social assistance revenue for the second quarter of 2010, not adjusted for seasonal variation, or price changes, was \$459.8 billion, an increase of 2.1 percent ( $\pm$  0.3%) from the first quarter of 2010 and up 2.3 percent ( $\pm$  0.8%) from the second quarter of 2009. The fourth quarter of 2009 to first quarter of 2010 percent change was revised from -0.2 percent ( $\pm$  0.5%)\* to -0.1 percent ( $\pm$  0.3%)\*.

Arts, entertainment, and recreation The estimate of U.S. arts, entertainment, and recreation revenue for the second quarter of 2010, not adjusted for seasonal variation, or price changes, was \$45.5 billion, an increase of 14.7 percent  $(\pm 7.8\%)$  from the first quarter of 2010 and up 0.5 percent  $(\pm 1.7\%)$ \* from the second quarter of 2009. The fourth quarter of 2009 to first quarter of 2010 percent change was revised from -7.4 percent  $(\pm 5.3\%)$  to -7.8 percent  $(\pm 5.8\%)$ .

Other services (except public administration) The estimate of U.S. other services (except public administration) revenue for the second quarter of 2010, not adjusted for seasonal variation, or price changes, was \$84.4 billion, a decrease of 6.4 percent ( $\pm$  2.1%) from the first quarter of 2010 and down 2.4 percent ( $\pm$  2.1%) from the second quarter of 2009. The fourth quarter of 2009 to first quarter of 2010 percent change was revised from -5.6 percent ( $\pm$  3.5%) to -5.4 percent ( $\pm$  4.6%).

For survey description, description of seasonal adjustment and an explanation of the reliability of the estimates included in this report, please see the last page of the publication.

Third quarter 2010 revenue is scheduled to be released on December 8, 2010, at 10:00 a.m. EST.

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

Our Internet Site is <a href="http://www.census.gov/services/index.html">http://www.census.gov/services/index.html</a>

## Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted 1

[Estimates are adjusted for seasonal variation but not for price changes and are based on data from the Quarterly Services Survey. For additional

information see www.census.gov/qss]

		Total revenue (millions of dollars)							Percent change						
2002 NAICS code <sup>2</sup>	Kind of business	2Q 2010 (p)	1Q 2010	4Q 2009	3Q 2009	2Q 2009	1Q 2009	from	from	from	from	from	1Q 2010 from 1Q 2009		
								(P)				(P)			
51	Information					283,343	282,289		0.9	0.7	0.3	2.7	2.2		
5112	Software publishers			,	35,805	35,514			-1.2	6.1	0.8		7.5		
512	Motion Picture and sound recording industries	26,589	26,340	25,948	25,541	25,064	24,881	0.9	1.5	1.6	1.9	6.1	5.9		
54 pt	Professional, scientific, and technical services														
	(except landscape architectural services and														
	veterinary services)	333,292	329,742	320,466	319,628	315,825	319,501	1.1	2.9	0.3	1.2	5.5	3.2		
5411	Legal services	66,113	67,201	65,355	66,325	64,964	63,929	-1.6	2.8	-1.5	2.1	1.8	5.1		
5412	Accounting, tax preparation, bookkeeping,														
	and payroll services	30,638	30,618	29,362	30,412	29,931	29,956	0.1	4.3	-3.5	1.6	2.4	2.2		
56 pt	Administrative and support and waste		,	,	,	*	,								
	management and remediation services														
	(except landscaping services) <sup>3</sup>	139,799	135,833	133,759	130,833	129,596	130,989	2.9	1.6	2.2	1.0	7.9	3.7		
5613	Employment services	46,813	44,434	42,192	39,780	38,708	40,031	5.4	5.3	6.1	2.8	20.9	11.0		
5615	Travel arrangement and reservation services	7,964	7,774	7,604	7,444	7,389	7,484	2.4	2.2	2.1	0.7	7.8	3.9		
562	Waste management and remediation services	18,101	17,510	16,885	16,669	16,430	16,905	3.4	3.7	1.3	1.5	10.2	3.6		
622	Hospitals	192,431	190,180	190,681	189,909	187,990	185,174	1.2	-0.3	0.4	1.0	2.4	2.7		

<sup>(</sup>p) Preliminary estimate.

Note: Sector totals and subsector totals may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/svsd/www/qssreliability.html.

<sup>(1)</sup> The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS level.

<sup>(2)</sup> For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2002 NAICS manual or http://www.census.gov/eos/www/naics/.

<sup>(3)</sup> Seasonally adjusted estimates for 56pt are obtained by summing the seasonally adjusted estimates for 5613, 5615, and 562 and the not seasonally adjusted estimate for 561pt\* found in Table 1b.

## Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information

see www.census.gov/qss]

	W.Census.gov/qssj  Total revenue (millions of dollars)							Percent	t change	Year to date				
2002		2Q	1Q	4Q	3Q	2Q	1Q	-	-	2Q 2010	-	2010	2009	2010
NAICS code 1	Kind of business	2010	2010 (r)	2009	2009	2009	2009	from	from 4Q2009	from	from 1Q 2009	<b>(p)</b>		from 2009
code		( <b>p</b> )	(1)					(p)	(r)	(p)	(r)			(p)
48pt-49	Transportation and warehousing <sup>2</sup>	71,514	65,039	67 563	68,772	65,130	64,979	10.0	-3.7	9.8	0.1	136 553	130,109	5.0
484	Truck transportation					45,062	44,335	12.6		10.5	-0.2	94,045		
4841	General freight trucking				30,847	-		9.0	-1.8	13.7	5.0	63,065		
48411	General freight trucking, local					-	5,378	4.6	-7.6	6.0	1.1	11,126	10,745	3.5
48412	General freight trucking, long-distance	27,205	24,734	24,836	24,574	23,560	23,350	10.0	-0.4	15.5	5.9	51,939	46,910	10.7
4842	Specialized freight trucking	16,909	14,071	15,653	17,478	16,135	15,607	20.2	-10.1	4.8	-9.8	30,980	31,742	-2.4
492	Couriers and messengers	16,083	15,354	15,692	15,077	14,886	15,485	4.7	-2.2	8.0	-0.8	31,437	30,371	3.5
493	Warehousing and storage	5,629	5,442	5,494	5,370	5,182	5,159	3.4	-0.9	8.6	5.5	11,071	10,341	7.1
51	Information	290.280	281,997	295.802	281.290	282.776	275.796	2.9	-4.7	2.7	2.2	572,277	558.572	2.5
511	Publishing industries (except Internet)						65,570	5.6	-11.8	1.8	0.5	135,411		1.2
51111	Newspaper publishers						9,108	5.1	-11.7	-3.8	-3.2	-	18,739	-3.5
51112	Periodical publishers	9,375			9,407		9,851	0.5	-9.9	-3.3	-5.3	18,707		
5111 pt	Book, directory and mailing list, and other publishers <sup>3</sup> .	12,216			15,295	13,451	12,910	4.8	-10.0	-9.2	-9.7	23,872	26,361	-9.4
5112	Software publishers	38,685	36,062	41,371	33,979	35,514	33,701	7.3	-12.8	8.9	7.0	74,747	69,215	8.0
512	Motion picture and sound recording industries	27,201			24,034	25,590	24,209	5.7	-6.6	6.3	6.3	52,935	49,799	6.3
515	Broadcasting (except Internet)	25,526	24,726	25,426	23,433	23,479	22,832	3.2	-2.8	8.7	8.3	50,252	46,311	8.5
5151	Radio and television broadcasting		12,971		,		-	-3.8	-4.5	4.4	12.3	25,453		8.3
5152	Cable and other subscription programming	13,044	11,755	11,849	11,662	11,518	11,285	11.0	-0.8	13.2	4.2	24,799	22,803	8.8
516,	Internet publishing and broadcasting, Internet													
5181,	service providers and web search portals,													
519	and other information services		15,892					2.8	-4.0	9.4	7.5	32,223		
517	Telecommunications		129,455					0.9	-1.3		0.6	260,025		
5171	Wired telecommunications carriers		44,413		46,328			-0.4	-3.6		-4.9	88,665	,	
5172	Wireless telecommunications carriers (except satellite) .				48,270		46,719	0.5	0.3	3.6	4.5	97,877		4.0
5175	Cable and other program distribution				30,880			3.0	-0.6		3.4	63,272		
517 pt	Other telecommunications 4			-			5,117	1.4	-1.3		-0.9	10,211		
5182	Data processing, hosting, and related services	21,108	20,323	20,431	20,007	20,027	19,724	3.9	-0.5	5.4	3.0	41,431	39,751	4.2
52	Finance and insurance <sup>5</sup>	801,557	801,126	797,930	795,384	X	X	0.1	0.4	X	X	1,602,683	X	X
52 pt	Finance and insurance (except monetary													1
	authorities-central bank) 6	778 605	779,820	774 821	775 825	X	X	-0.2	0.6	X	X	1,558,425	X	X
521	Monetary authorities-central bank		21,306			X	X	7.7	-7.8		X	44,258		
522	Credit intermediation and related activities					X	X	-1.4	-0.2			483,264		
523	Securities, commodity contracts, and other financial	237,720	213,330	213,000	217,333		7.	1	0.2	**	21	103,201	11	- 11
323	investments and related activities	110,420	117,305	108,595	110.244	X	X	-5.9	8.0	X	X	227,725	X	X
5231	Securities and commodity contracts		.,	,								.,.		1
	intermediation and brokerage	50,921	56,804	48,586	53,314	X	X	-10.4	16.9	X	X	107,725		X
5232	Securities and commodity exchanges	2,590	2,176	2,090	2,145	X	X	19.0	4.1	X	X	4,766	X	X
5239	Other financial investment activities	56,909	58,325	57,919	54,785	X	X	-2.4	0.7	X	X	115,234		X
524	Insurance carriers and related activities	428,257	419,179	422,366	416,028	X	X	2.2	-0.8	X	X	847,436		X
5241	Insurance carriers	382,197	376,815	380,639	371,723	X	X	1.4	-1.0	X	X	759,012	X	X
5242	Agencies, brokerages, and other													1
	insurance related activities	46,060	42,364	41,727	44,305	X	X	8.7	1.5	X	X	88,424	X	X
532	Rental and leasing services	31 202	27,584	20 250	30 251	30 520	20 014	13.8	-6.0	2.8	-4.9	58,967	59,542	-1.0
5321	Automotive equipment rental and leasing				11,581		9,993		- <b>0.</b> 0		-4.9 -4.3	20,243	,	
5321	1 1	- ,	- ,						-12.4	-1.2		14,130		
53211	Passenger car rental and leasing  Truck, utility trailer, and RV (Recreational	7,440	0,064	7,030	8,399	7,380	7,216	11.4	-12.4	-1.8	-7.4	14,130	14,602	-4.3
	Vehicle) rental and leasing	3,235	2,878	2,944	3,182	3,223	2,777	12.4	-2.2	0.4	3.6	6,113	6,000	1.9
5322	Consumer goods rental	4,813							-0.2	-0.5	-4.1	9,417		
5323	General rental centers	1,089							-1.9			2,103		
5324	Commercial and industrial machinery and			·										
	equipment rental and leasing	14,800	12,404	13,137	12,998	13,767	13,123	19.3	-5.6	7.5	-5.5	27,204	26,890	1.2
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## Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information

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					illions of					change			ar to date	
2002 NAICS	77. 1 61 .	2Q	1Q	4Q	3Q	2Q	1Q	-	-	-	1Q 2010	2010	2009	2010
code 1	Kind of business	2010 (p)	2010 (r)	2009	2009	2009	2009	from 1Q 2010	from	from 2Q 2009	from	<b>(p)</b>		from 2009
code		<b>(P</b> )	(1)					(p)	(r)	(p)	(r)			(p)
54	Professional, scientific, and technical services	343.795	333,943	334.335	322.559	326.263	323.462	3.0	-0.1	5.4	3.2	677,738	649.725	4.3
54 pt	Professional, scientific, and technical services	0 10,770	000,5 10	.,,,,,	022,000	020,200	020,102		0.1		0.2	0,.00	0.5,7.20	
- · F ·	(except landscape architectural services													
	and veterinary services)	335,292	326,445	326,875	314,514	317,720	315,986	2.7	-0.1	5.5	3.3	661,737	633,706	4.4
5411	Legal services							4.5	-12.3	1.7	5.5	128,083	123,769	3.5
5412	Accounting, tax preparation, bookkeeping,		,	,	*	*	,						,	
	and payroll services	32,201	36,742	26,455	25,789	31,577	35,768	-12.4	38.9	2.0	2.7	68,943	67,345	2.4
5413	Architectural, engineering, and related services	58,565	55,769	58,559	59,704	60,526	62,586	5.0	-4.8	-3.2	-10.9	114,334	123,112	-7.1
5413 pt	Architectural and related services 7							8.7	-9.7	-3.5	-15.0	26,269	28,997	-9.4
54133	Engineering services	44,880	43,185	44,616	45,802	46,338	47,777	3.9	-3.2	-3.1	-9.6	88,065	94,115	-6.4
5415	Computer systems design and related services							1.8	1.6	11.2	13.5			
5416	Management, scientific, and technical		ĺ	,	*	*	,						,	
	consulting services	43,934	40,938	40,704	40,732	39,711	39,428	7.3	0.6	10.6	3.8	84,872	79,139	7.2
5417	Scientific research and development services							3.0	-0.2	8.4	9.8	62,715	57,489	9.1
5418	Advertising and related services		18,096					5.5	-5.7	10.3	2.1	37,181	35,027	6.1
541 pt	Other professional, scientific, and technical services 8		20,687					12.7	3.9		1.7	,	· ·	
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56	Administrative and support and waste													
	management and remediation services	151,671	143,914	147,277	143,445	142,880	139,838	5.4	-2.3	6.2	2.9	295,585	282,718	4.6
56 pt	Administrative and support and waste management and													
•		140.103	133,172	135.445	131.373	129.889	128.572	5.2	-1.7	7.9	3.6	273,275	258.461	5.7
561	Administrative and support services		127,455					4.6	-2.0		2.8			
5613	Employment services		43,057					7.7	-1.9	21.1	10.8		77,191	
5615	Travel arrangement and reservation services		7,541		7,541			12.6	4.1	8.1	3.9		15,114	
561 pt	Other administrative and support services 9		76,857	· ·				2.1	-2.6	-2.0	-1.3	- ,		
561 pt*	Other administrative and support services	70,102	70,057	70,710	77,012	00,000	77,033	2.1	2.0	2.0	1.5	155,510	157,075	1.0
JOI pt	(except landscaping services) 10	66 021	66 115	67.079	66 040	67.060	66 560	1.2	-1.4	-0.2	0.7	133,036	122 620	-0.5
562			16,459					11.2	-4.5		3.7		32,518	
302	Waste management and remediation services	18,300	10,439	17,240	17,132	10,044	13,674	11.2	-4.3	9.9	3.7	34,739	32,318	0.9
62	Health care and social assistance	459.845	450.559	451.213	445.265	449.707	438.864	2.1	-0.1	2.3	2.7	910,404	888.571	2.5
62 pt	Selected health care services 11	238,880	234,816	234,190	231,896	232,583	228,482	1.7	0.3		2.8	_		
621	Ambulatory health care services							2.5	-0.5	2.5	2.6	369,002		
6211	Offices of physicians							2.4	-2.9			187,433		
6212	Offices of dentists							-0.2	7.6		-2.7	,	51,284	
6213	Offices of other health practitioners							4.5	3.2	11.0	9.8		25,876	
6214	Outpatient care centers								-0.7		7.1		37,350	
6215	Medical and diagnostic laboratories	10,395			10,162				-0.7		2.6	, -	19,838	
6216	Home health care services							3.2	-1.1		4.3		27,633	
6219	Other ambulatory health care services	6,940						6.0	0.4		1.3		13,041	
622	Hospitals		190,751					1.7	0.3		2.4	,		
623	Nursing and residential care facilities		44,065					1.9	Z		4.4		85,474	
624	Social assistance		33,512				30,522	2.0	-1.3		9.8	,		
6241	Individual and family services	17,260	16,371	16,703	15,640	15,911	15,127	5.4	-2.0	8.5	8.2	33,631	31,038	8.4
6242	Community food and housing, and emergency								_					_
	and other relief services	4,719						-6.1	-3.9		21.8			
6243	Vocational rehabilitation services	4,998				4,518			-4.1		8.8	,		
6244	Child day care services	7,217	7,583	7,282	6,613	7,307	7,105	-4.8	4.1	-1.2	6.7	14,800	14,412	2.7

#### Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information

			Total re	evenue (m	illions of	dollars)			Percent	t change	Yea	Year to date		
2002 NAICS code <sup>1</sup>	Kind of business	2Q 2010 (p)	1Q 2010 (r)	4Q 2009	3Q 2009	2Q 2009	1Q 2009	2Q 2010 from 1Q 2010 (p)	from	2Q 2010 from 2Q 2009 (p)	from	2010 (p)	2009	2010 from 2009 (p)
71	Arts, entertainment, and recreation	45,518	39,684	43,044	48,153	45,299	40,176	14.7	-7.8	0.5	-1.2	85,202	85,475	-0.3
711	Performing arts, spectator sports, and related industries	16,974	13,658	18,815	20,153	17,601	14,688	24.3	-27.4	-3.6	-7.0	30,632	32,289	-5.1
7111	Performing arts companies	3,024	2,754	3,583	3,374	3,316	3,127	9.8	-23.1	-8.8	-11.9	5,778	6,443	-10.3
7112	Spectator sports	7,097	4,455	8,115	9,146	7,269	4,545	59.3	-45.1	-2.4	-2.0	11,552	11,814	-2.2
7113	Promoters of performing arts, sports, and similar events.	3,658	3,207	3,330	4,232	3,898	3,442	14.1	-3.7	-6.2	-6.8	6,865	7,340	-6.5
7114	Agents and managers for artists, athletes,													
	entertainers, and other public figures	1,087	903	1,058	972	991	975	20.4	-14.7		-7.4	1,990		
7115	Independent artists, writers, and performers	2,108	2,339	2,729	2,429	2,127	2,599	-9.9	-14.3		-10.0	4,447	4,726	
712	Museums, historical sites, and similar institutions	3,098	2,684	3,398	3,295	3,257	2,200	15.4	-21.0	-4.9	22.0	5,782	5,457	6.0
713	Amusement, gambling, and recreation industries	25,446	23,342	20,831	24,705	24,441	23,288	9.0	12.1	4.1	0.2	48,788	47,729	2.2
7131	Amusement parks and arcades	3,383	1,932	2,251	3,989	3,287	1,964	75.1	-14.2	2.9	-1.6	5,315	5,251	1.2
7132	Gambling industries	7,094	6,974	6,162	7,091	7,297	7,803	1.7	13.2	-2.8	-10.6	14,068	15,100	-6.8
7139	Other amusement and recreation industries	14,969	14,436	12,418	13,625	13,857	13,521	3.7	16.3	8.0	6.8	29,405	27,378	7.4
81	Other services (except public administration) 12							-6.4	-5.4	-2.4	4.9	174,493	172,363	1.2
811	Repair and maintenance	30,704	29,733	28,592	28,419	29,252	29,183	3.3	4.0	5.0	1.9	60,437	58,435	3.4
8111	Automotive repair and maintenance	17,857	17,534	16,354	16,721	16,727	16,555	1.8	7.2	6.8	5.9	35,391	33,282	6.3
8112	Electronic and precision equipment repair													
	and maintenance	4,759	4,546	4,486	4,381	4,280	4,269	4.7	1.3	11.2	6.5	9,305	8,549	8.8
8113	Commercial and industrial machinery and equipment													
	(except automotive and electronic) repair and	c 220	6.021	6 220	5 550	6 2 40		2.6	2.5	1.7	0.1	12.260	12.072	
0114	maintenance	6,239	· ·	6,238	- ,	- ,	6,624	3.6	-3.5		-9.1	12,260		
8114 812	Personal and household goods repair and maintenance.	1,849	1,632	1,514 19.033	1,758	1,896	1,735 19.139	13.3 6.8	7.8 -2.7		-5.9 -3.2	3,481 38,292	3,631	-4.1 -0.1
8121	Personal and laundry services	19,775 6,348	18,517 5,989	5,928	18,988 6,005	19,187 6,261	6,233	6.0	-2.7 1.0		-3.2 -3.9	12,337		
8122	Death care services	4,082	3,989	4.031	3,791	3,735	3,777	4.2	-2.8		-3.9 3.8	8,001	7.512	6.5
8122	Drycleaning and laundry services	5,647	5,317	5,571	5,417	5,733	5,608	6.2	-2.8 -4.6		5.8 -5.2		. ,-	
8129	Other personal services	3,698	3,292	3,503		3,639	3,521	12.3	-4.0 -6.0		-5.2 -6.5	6,990		
813	Religious, grantmaking, civic, professional, and	3,090	3,494	3,303	3,113	3,039	3,341	12.3	-0.0	1.0	-0.5	0,530	7,100	-2.4
013	similar organizations <sup>13</sup>	33.887	41.877	47.676	40.984	38.025	37.577	-19.1	-12.2	-10.9	11.4	75.764	75,602	0.2
(n) Proli	minary estimate. (r) Revised estimate. X Not applicab		Less th			50,025	51,511	17.1	12.2	10.7	11.7	13,104	13,002	0.2

(p) Preliminary estimate. (r) Revised estimate.

X Not applicable.

Z Less than .05 percent.

- (1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2002 NAICS manual or http://www.census.gov/eos/www/naics/.
- (2) Includes NAICS 484 (truck transportation), 492 (couriers and messengers), and 493 (warehousing and storage).
- (3) Includes NAICS 51113 (book publishers), 51114 (directory and mailing list publishers), and 51119 (other publishers).
- (4) Includes NAICS 5173 (telecommunications resellers), 5174 (satellite telecommunications), and 5179 (other telecommunications).
- (5) Excludes NAICS 525 (funds, trusts, and other financial vehicles).
- (6) Excludes NAICS 521 (monetary authorities-central bank) and NAICS 525 (funds, trusts, and other financial vehicles).
- (7) Includes all of NAICS 5413 (architectural, engineering, and related services) except 54133 (engineering services).
- (8) Includes NAICS 5414 (specialized design services) and 5419 (other professional, scientific, and technical services).
- (9) Includes NAICS 5611 (office administrative services), 5612 (facilities support services), 5614 (business support services), 5616 (investigation and security services), 5617 (services to buildings and dwellings), and 5619 (other support services).
- (10) Includes NAICS 5611 (office administrative services), 5612 (facilities support services), 5614 (business support services), 5616 (investigation and security services), 5617 (services to buildings and dwellings except 56173 (landscaping services)), and 5619 (other support services).
- (11) Includes NAICS 622 (hospitals) and 623 (nursing and residential care facilities).
- (12) Excludes NAICS 8131 (religious organizations), 81393 (labor unions and similar labor organizations), 81394 (political organizations), and 814 (private households).
- (13) Excludes NAICS 8131 (religious organizations), 81393 (labor unions and similar labor organizations), and 81394 (political organizations)

Note: Sector totals and subsector totals may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/svsd/www/qssreliability.html. For NAICS 52, estimates may include unrealized gains (losses).

# **Table 2. Selected Services - Estimated Measures of Sampling Variability**

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

[2501110	ates are shown as percents and are based on data from t	in the Quarterly Services Survey]									Year to date				
2002		Co	efficient	of variat	ion for to	tal revei	nue	Standar	d error fo	or percen	t change	Coeffic varia		Standard error	
NAICS code	Kind of business	2Q 2010 (p)	1Q 2010 (r)	4Q 2009	3Q 2009	2Q 2009	1Q 2009	from 1Q 2010	from 4Q2009	2Q 2010 from 2Q 2009	from 1Q 2009	2010 (p)	2009	2010 from 2009	
								(p)	(r)	(p)	(r)			(p)	
<b>48pt-49</b> 484	Transportation and warehousing	<b>3.0</b> 4.7	<b>2.9</b> 4.9	<b>3.4</b> 5.7	<b>3.6</b> 5.8	<b>3.5</b> 5.8	<b>3.6</b> 6.0		0.7	1.6 2.6	<b>1.1</b> 1.7	<b>2.9</b> 4.8	<b>3.5</b> 5.8	1.3 2.0	
4841	Truck transportation		6.5	7.2	8.2	7.4	8.1	1.0	1.0 1.0	2.6	2.5	6.2	3.8 7.7	2.0	
48411	General freight trucking, local	13.1	12.8	15.4	19.4	15.6	16.5		3.6	5.5	5.6	12.9	15.9	4.9	
48412	General freight trucking, long-distance	5.9	6.5	6.9	6.5	6.9	7.3		0.6	2.0	2.0	6.2	7.0	1.9	
4842	Specialized freight trucking	9.0	9.8	9.6	7.9	10.5	10.2		1.6	4.2	2.1	9.4	10.3	2.6	
492	Couriers and messengers	1.5	1.6	1.9	1.7	1.7	1.7	0.4	0.5	0.8	0.7	1.5	1.7	0.7	
493	Warehousing and storage	6.9	7.8	7.6	8.5	7.8	7.8	2.0	0.6	2.7	1.5	7.3	7.8	2.0	
51	Information	0.9	0.9	1.0	1.0	1.0	1.1	0.2	0.4	0.3	0.5	0.9	1.1	0.4	
511 51111	Publishing industries (except Internet)	2.4	2.7	2.6 5.5	2.6 5.3	2.6 5.7	2.7 5.4		0.4	0.8 2.7	1.0 2.2	2.6	2.6 5.5	0.8 2.3	
51111	Newspaper publishers Periodical publishers	7.1 4.5	6.4 5.0	5.5	6.0	5.6	6.1	1.8	2.0 1.6	2.7	2.2	6.8 4.7	5.8	2.5	
51112 5111 pt	Book, directory and mailing list, and other publishers	2.3	2.4	2.4	2.1	1.4	1.5		1.0	1.4	1.8	2.2	1.4	1.4	
5111 pt	Software publishers	3.8	4.5	4.0	4.6	4.5	4.8		0.8	1.3	1.6	4.1	4.6	1.2	
512	Motion picture and sound recording industries	2.7	4.2	3.1	3.1	2.8	4.2		3.6	0.8	3.9	3.3	3.4	1.7	
515	Broadcasting (except Internet)	2.4	2.3	2.3	2.2	2.3	2.1	0.4	0.3	0.5	0.5	2.3	2.2	0.5	
5151	Radio and television broadcasting	3.9	3.5	3.5	3.3	3.4	3.2	0.8	0.5	1.0	1.1	3.6	3.3	1.0	
5152	Cable and other subscription programming	1.2	1.3	1.2	1.2	1.3	1.4	0.2	0.1	0.1	0.2	1.2	1.3	0.1	
516,	Internet publishing and broadcasting, Internet														
5181,	service providers and web search portals,	7.5	7.0	7.7	0.6	0.2	0.1	1 1	1.4	2.2	2.2	7.4	0.0	2.2	
519 517	and other information services	7.5 1.2	7.3 1.3	7.7 1.3	8.6 1.3	8.3 1.2	8.1 1.2	1.1 0.2	1.4 0.2	2.2 0.5	2.2 0.6	7.4 1.3	8.2 1.2	2.2 0.5	
5171	Telecommunications	3.2	3.2	3.4	3.3	3.2	3.0		0.2	0.3	0.0	3.1	3.0	0.3	
5172	Wireless telecommunications carriers (except satellite)	2.2	2.1	2.4	2.0	2.0	2.0		0.3	0.6	1.5	2.1	1.9	0.9	
5175	Cable and other program distribution	1.7	1.7	1.6	1.7	1.5	1.6		0.1	0.2	0.2	1.7	1.6	0.2	
517 pt	Other telecommunications	7.8	8.3	7.7	7.3	7.2	6.4	1.0	1.0	1.3	2.8	8.0	6.8	1.9	
5182	Data processing, hosting, and related services	4.1	4.3	3.5	3.7	4.7	4.3	1.1	1.4	2.4	1.4	4.2	4.4	1.7	
52	Finance and insurance	3.9	3.8	3.9	3.9	X	X	0.3	1.2	X	X	3.9	X	X	
52 pt	Finance and insurance (except monetary	4.1	4.0	4.1	4.0	37	37	0.4	1.0	37	***	4.0	7.7	77	
521	authorities-central bank)	4.1	4.0	4.1	4.0	X	X		1.3	X	X	4.0	X	X	
521	Monetary authorities-central bank	0.0	0.0 8.7	0.0	0.0	X X	X X		0.0	X	X X	0.0	X	X X	
522 523	Credit intermediation and related activities	9.0		9.2	8.7				2.1	X		8.8	X	Λ	
5231	investments and related activities	3.7	3.6	3.2	4.4	X	X	1.2	1.2	X	X	3.6	X	X	
	intermediation and brokerage	6.8	5.7	5.3	5.0	X	X	2.5	2.0	X	X	6.1	X	X	
5232	Securities and commodity exchanges	Z	Z	0.1	0.1	X	X		0.1	X	X	Z	X	X	
5239	Other financial investment activities	3.3		2.6	4.7	X	X		1.3	X	X	3.0	X	X	
524	Insurance carriers and related activities	4.5	4.5	4.6	4.7	X	X		1.7	X	X	4.5	X	X	
5241	Insurance carriers	4.8	4.7	4.5	4.6	X	X	0.4	1.6	X	X	4.7	X	X	
5242	Agencies, brokerages, and other insurance related activities	6.8	6.8	9.0	9.6	X	X	1.4	3.0	X	X	6.8	X	X	
532	Rental and leasing services	4.0	3.7	3.9	3.6	3.1	3.9	1.7	0.9	1.6	1.7	3.8	3.4	1.2	
5321	Automotive equipment rental and leasing	4.6		3.8	4.5	3.1	3.7		1.8	2.8	2.5	4.4	3.4	2.6	
53211	Passenger car rental and leasing	5.8		5.7	6.2	4.5	5.4		2.0	4.0	3.1	5.9	4.9	3.5	
53212	Truck, utility trailer, and RV (Recreational														
1	Vehicle) rental and leasing	6.1	6.6	6.5	6.0	7.3	8.1		1.5	2.1	2.4	6.3	7.6	2.1	
5322	Consumer goods rental	7.5	7.2	7.1	7.1	7.3	6.9		1.2	1.3	1.5	7.3	7.0	1.2	
5323 5324	General rental centers	4.9	7.0	6.3	5.7	6.4	7.7		1.7	2.3	1.9	5.8	6.9	2.1	
	equipment rental and leasing	8.4	7.9	8.6	8.4	7.7	8.5	2.5	1.3	3.2	2.4	8.1	7.8	1.5	
I	l l		1								l	1			

# Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

	[Estimates are shown as percents and are based on data from the Quarterly Services Survey]									Year to		date		
2002		Co	efficient	of variat	ion for to	otal reve	nue	Standar	d error f	or percen	t change		cient of	Standard
NAICS code	Kind of business	2Q 2010 (p)	1Q 2010 (r)	4Q 2009	3Q 2009	2Q 2009	1Q 2009	from	from	2Q 2010 from 2Q 2009 (p)	from	varia 2010 (p)	2009	2010 from 2009 (p)
54	Professional, scientific, and technical services	4.0	4.0	3.2	3.1	3.1	3.0	0.6	1.3	1.1	1.6	4.0	3.0	1.3
54 pt	Professional, scientific, and technical services													
	(except landscape architectural services													
	and veterinary services)	3.9	4.0	3.1	3.1	3.0	2.9	0.6		1.2	1.6	3.9	2.9	1.3
5411	Legal services	8.9	10.8	7.1	8.3	7.6	8.4	3.6	4.2	2.0	3.4	9.7	7.8	2.4
5412	and payroll services	8.2	6.8	8.1	7.7	9.0	7.7	1.9	3.1	1.6	2.4	7.4	8.2	1.9
5413	Architectural, engineering, and related services	4.5	4.1	3.6	3.6	3.2	3.8		1.0	2.6	1.8	4.2	3.5	2.1
5413 pt	1	5.2	6.5	8.2	7.6	5.3	7.0		2.4	2.9	3.5	5.7	6.0	3.1
54133	Engineering services		4.0	3.5	3.6	3.1	3.7	2.0			2.0	4.5	3.3	2.3
5415	Computer systems design and related services	8.5	7.9	8.2	7.5	7.3	7.0	1.1	3.8		4.4	8.2	7.2	3.7
5416	Management, scientific, and technical													
	consulting services	4.9	5.0	5.2	5.4	5.5	5.8	0.7	1.5	2.4	2.0	5.0	5.6	2.1
5417	Scientific research and development services	11.7	11.4	11.0	10.2	11.3	11.4	1.9	1.6	2.5	2.6	11.5	11.4	2.3
5418	Advertising and related services	3.9	4.1	3.7	3.8	3.7	4.4	2.1	1.1	2.3	4.1	3.9	3.8	3.3
541 pt	Other professional, scientific, and technical services	4.5	5.6	4.7	4.8	4.5	5.8	2.9	2.6	2.7	3.7	4.9	5.1	3.1
56	Administrative and support and waste													
	management and remediation services	2.8	2.3	2.4	2.5	2.3	2.5	1.7	0.7	1.7	1.2	2.4	2.3	1.4
56 pt	Administrative and support and waste management and													
	remediation services (except landscaping services)	2.9	2.6	2.7	2.9	2.7	2.8	0.9	0.6	1.6	1.3	2.7	2.7	1.4
561	Administrative and support services	3.6	2.6	2.6	2.7	2.7	2.8	1.9	0.7	1.9	1.4	3.0	2.7	1.6
5613	Employment services		6.5	6.3	6.0	5.2	5.4	1.8	0.6		2.6	7.1	5.3	3.2
5615	Travel arrangement and reservation services	5.1	4.4	3.1	4.1	4.2	4.3		2.4	1.8		4.7	4.1	1.4
561 pt	Other administrative and support services	4.3	4.1	4.1	3.7	3.8	4.1	2.2	1.1	1.5	1.1	4.1	3.8	1.2
561 pt*	Other administrative and support services													
	(except landscaping services)	5.3	4.8	4.9	4.8	4.6	5.1	0.8		1.3	0.9	5.1	4.8	0.9
562	Waste management and remediation services	10.7	11.1	10.6	10.5	10.4	8.8	1.3	1.3	2.1	2.7	10.9	9.6	2.2
62	Health care and social assistance	1.6	1.6	1.6	1.5	1.4	1.4	0.2	0.2	0.5	0.5	1.6	1.4	0.4
62 pt	Selected health care services	3.0	3.0	3.2	3.0	2.9	2.8			0.6		3.0	2.8	0.6
621	Ambulatory health care services		2.7	2.9	2.7	2.5	2.6		0.5		0.6	2.7	2.6	0.8
6211	Offices of physicians		3.5	3.6	3.2	3.0	3.0		0.7	1.8	1.3	3.6	3.0	1.4
6212	Offices of dentists		4.8	5.7	4.5	4.7	4.5	1.3	1.1	1.7	1.3	5.4	4.6	1.4
6213	Offices of other health practitioners	5.1	5.1	4.9	4.8	4.2	4.6			1.8		5.1	4.4	1.6
6214	Outpatient care centers		4.8	4.9 3.1		5.3 2.5	5.4					4.8 3.3	5.3 2.2	
6215 6216	Medical and diagnostic laboratories	3.5 12.5	3.2 11.7	11.6	2.4 11.5	10.7	1.9 10.6					12.1	10.7	1.9 2.4
6219	Other ambulatory health care services		3.3	2.9		3.3	2.8					3.6	3.0	1.8
622	Hospitals	3.4	3.6	3.9		3.5	3.4					3.5	3.4	0.9
623	Nursing and residential care facilities	4.8	4.5	4.5		5.4	5.6					4.6	5.5	1.3
624	Social assistance	6.8	6.3	7.0		6.4	6.6					6.4	6.5	
6241	Individual and family services	5.3	7.0	5.7		6.2	6.6					5.6		
6242	Community food and housing, and emergency	3.3	7.0	5.7	/.1	5.2	5.0	3.2	3.7	7.0	3.2	5.0	5.4	2.3
	and other relief services	4.2	4.3	5.3	4.5	4.2	7.4	3.1	5.0	2.3	5.5	3.9	5.5	2.9
6243	Vocational rehabilitation services	25.0	20.9	25.9	24.6	19.8	19.0	5.0	6.7	5.2	6.6	23.0	19.4	
6244	Child day care services	6.8	6.9	6.6	7.7	7.3	6.8	1.7	2.4	3.8	7.2	6.8	6.9	5.3
														6.9

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

								,	Year to date					
		Co	efficient	of variat	ion for to	n for total revenue Standard error for percent change			t change	Coeffic	cient of	Standard		
2002									_	vari	error			
NAICS	Kind of business	2Q	1Q	4Q	3Q	2Q	1Q	-		2Q 2010	-	2010	2009	2010
code		2010	2010	2009	2009	2009	2009	from	from	from 2O 2009	from	<b>(p)</b>		from
		<b>(p</b> )	(r)					1Q 2010 (p)	4Q2009 (r)	2Q 2009 (p)	1Q 2009 (r)			2009 (p)
71	Arts, entertainment, and recreation	2.7	4.5	3.7	2.9	3.0	4.1		3.5		1.7	3.0	3.0	
711	Performing arts, spectator sports, and related industries	5.7	5.5	3.8	5.9	7.4	6.6		4.6		3.7	4.6	5.7	
7111		6.0	8.0	11.1	10.2	12.0	16.9		4.0	7.5	7.3	6.6		
7111	Performing arts companies		15.5		13.4	16.2								
1	Spectator sports	14.3		11.9			20.0	27.5	7.8		8.5	12.1	14.6	
7113	Promoters of performing arts, sports, and similar events.	4.5	7.3	5.0	3.3	4.0	8.6	6.9	6.7	4.5	4.2	4.8	5.3	3.7
7114	Agents and managers for artists, athletes,	10.3	12.2	9.2	9.5	10.0	10.7	6.9	5.3	7.2	7.0	10.9	9.7	5.8
7115	entertainers, and other public figures	5.1	12.7	18.3	12.4	16.1	14.9	16.5	20.5		6.9	7.9	14.6	
7113	*		13.1	11.2	10.2	10.1				2.9		11.2	10.5	
712	Museums, historical sites, and similar institutions	9.6					11.6		4.1		4.5			
	Amusement, gambling, and recreation industries	5.2	8.1	7.2	6.0	5.9	8.0	4.8	4.7	2.5	2.0	6.4	6.8	
7131	Amusement parks and arcades	8.2	6.0	4.5	5.2	5.0	5.4	5.9	1.4		1.1	7.2	5.0	
7132	Gambling industries	12.1	12.2	11.7	11.0	10.9	10.1		1.8		4.6	12.1	10.5	
7139	Other amusement and recreation industries	8.4	10.7	9.2	8.2	6.9	9.6	7.1	7.2	5.0	3.6	8.9	8.1	3.5
81	Other services (except public administration)	4.3	4.7	3.7	4.1	4.5	4.3	1.3	2.8	1.3	2.3	4.5	4.4	1.7
811	Repair and maintenance	6.7	6.8	6.0	6.5	5.9	5.7	1.3	1.2	2.1	1.8	6.7	5.8	1.7
8111	Automotive repair and maintenance	11.3	11.4	10.0	9.9	10.4	10.0	1.5	1.8	2.9	1.8	11.3	10.1	2.1
8112	Electronic and precision equipment repair													
	and maintenance	19.4	19.1	18.7	20.4	18.8	18.2	2.5	2.0	4.2	2.4	19.2	18.5	3.0
8113	Commercial and industrial machinery and equipment													
	(except automotive and electronic) repair and													
	maintenance	17.7	16.0	13.5	12.6	11.1	11.5	4.1	3.3	8.9	5.5	16.8	11.1	6.9
8114	Personal and household goods repair and maintenance	16.3	14.9	17.5	18.5	16.9	20.1		6.9		9.3	15.6	18.2	
812	Personal and laundry services	6.1	5.8	5.6	5.9	5.8	5.3		1.1	2.0	1.9	5.9	5.5	
8121	Personal care services	8.0	8.1	7.1	7.1	7.4	7.1		1.4	4.4	3.2	8.0	7.3	
8122	Death care services.	10.7	12.0	12.4	12.7	11.2	11.4		2.8		3.0	11.3	11.1	
8123	Drycleaning and laundry services	6.1	6.1	4.8	3.7	4.4	3.9		2.9		3.7	6.0	4.1	3.6
8129	Other personal services	14.4	13.0	12.8	13.2	13.5	13.2	2.1	1.6	2.9	2.6	13.7	13.3	2.5
813	Religious, grantmaking, civic, professional, and													
	similar organizations	4.1		4.0	4.8	4.6	5.3	2.3	4.8	2.0	4.2	4.5	4.8	2.6

(p) Preliminary estimate. (r) Revised estimate. X Not applicable. Z Less than .05 percent.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Starting with the September 2010 release, estimated measures of sampling variability correspond to the particular quarterly estimates. In prior releases, measures of sampling variability were medians based on estimates for the most recent four quarters. To compute a median comparable to what was previously published, identify the sampling variance measure of interest for the most recent four quarters. Sort the four quarterly sampling variance measures in ascending order. Compute the median by adding the middle two values together, dividing the sum by two, and rounding the result to the nearest tenth. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/svsd/www/qssreliability.html.

#### **Survey Description**

The U.S. Census Bureau conducts the Quarterly Services Survey (QSS) to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The industry coverage has increased since the survey's inception in 2004, as shown in the following table. The current total sample size is approximately 13,000 employer firms.

2002 NAICS Code	Kind of Business	First Published Quarter
51	Information	
54	Professional, scientific, and technical services	2002 04
56	Administrative and support and waste management and remediation services	2003, Q4
622	Hospitals	
623	Nursing and residential care facilities	2004, Q4
48pt-49	Transportation and warehousing	
532	Rental and leasing services	
621	Ambulatory health care services	
624	Social assistance	2009, Q1
71	Arts, entertainment, and recreation	
81	Other services (except public administration)	
52	Finance and insurance	2009, Q3

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey (SAS) sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2002 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
48pt-49	Transportation and warehousing	19
51	Information	8
52	Finance and insurance	12
532	Rental and leasing services	16
54 pt	Professional, scientific, and technical services (except landscape architectural services and veterinary services)	26
56 pt	Administrative and support and waste management and remediation services (except landscaping services)	33
62	Health care and social assistance	24
71	Arts, entertainment, and recreation	29
81	Other services (except public administration)	31

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. For industries introduced prior to 2009, the estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at http://www.census.gov/services/index.html.

### **Description of Seasonal Adjustment**

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly revenue estimates as input to the Census Bureau's X-12 ARIMA program. With each quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see <a href="http://www.census.gov/services/qss/2009/qssq2-10seasfactors.xls">http://www.census.gov/services/qss/2009/qssq2-10seasfactors.xls</a>. A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at <a href="http://www.census.gov/services/qss/qssseasfaq.html">http://www.census.gov/services/qss/qssseasfaq.html</a>.

#### Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation (CV). The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report. The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.65 standard errors below to 1.65 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ±1.5 percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.